

FIG. 1

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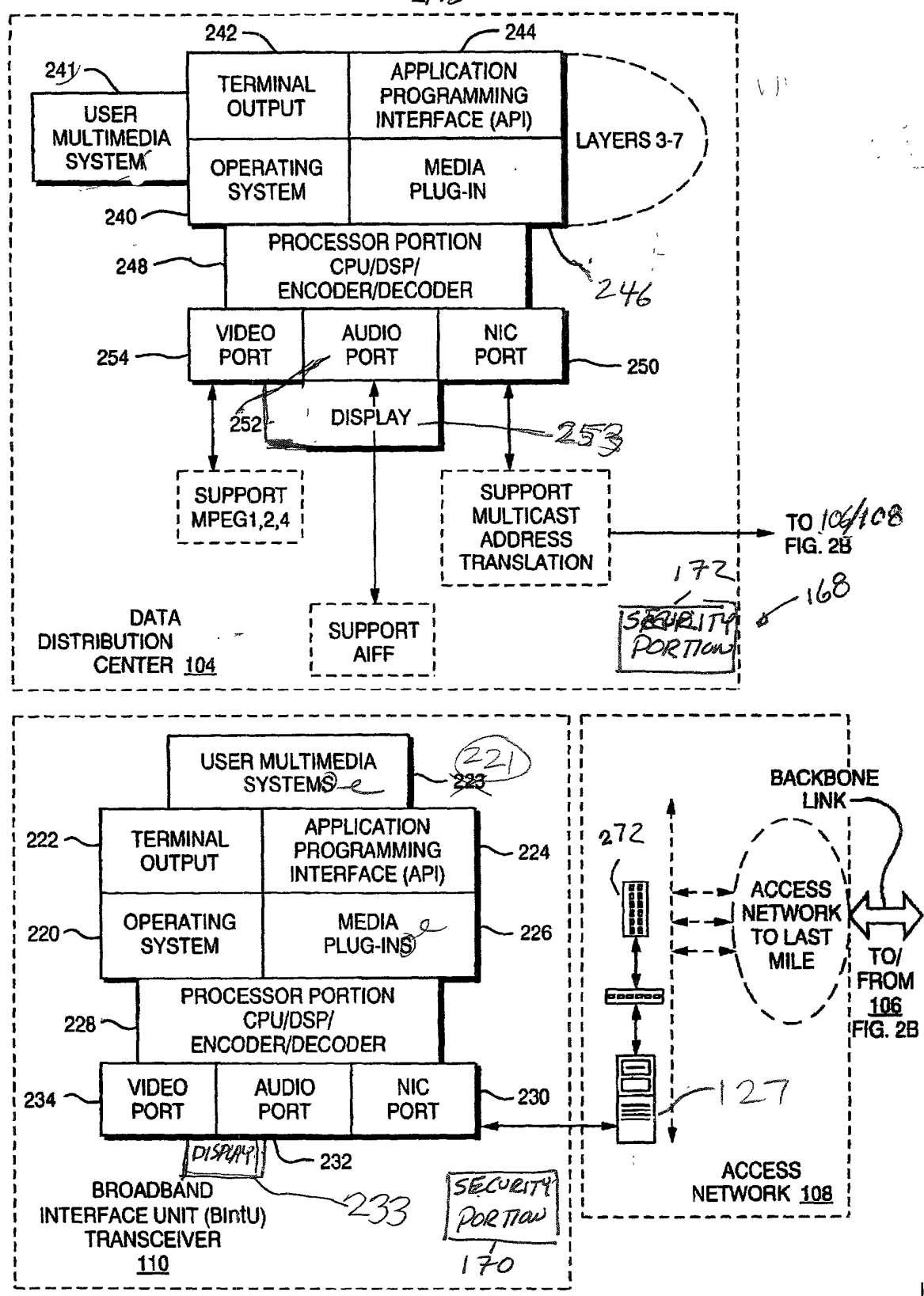


FIG. 2A

09984304-101704

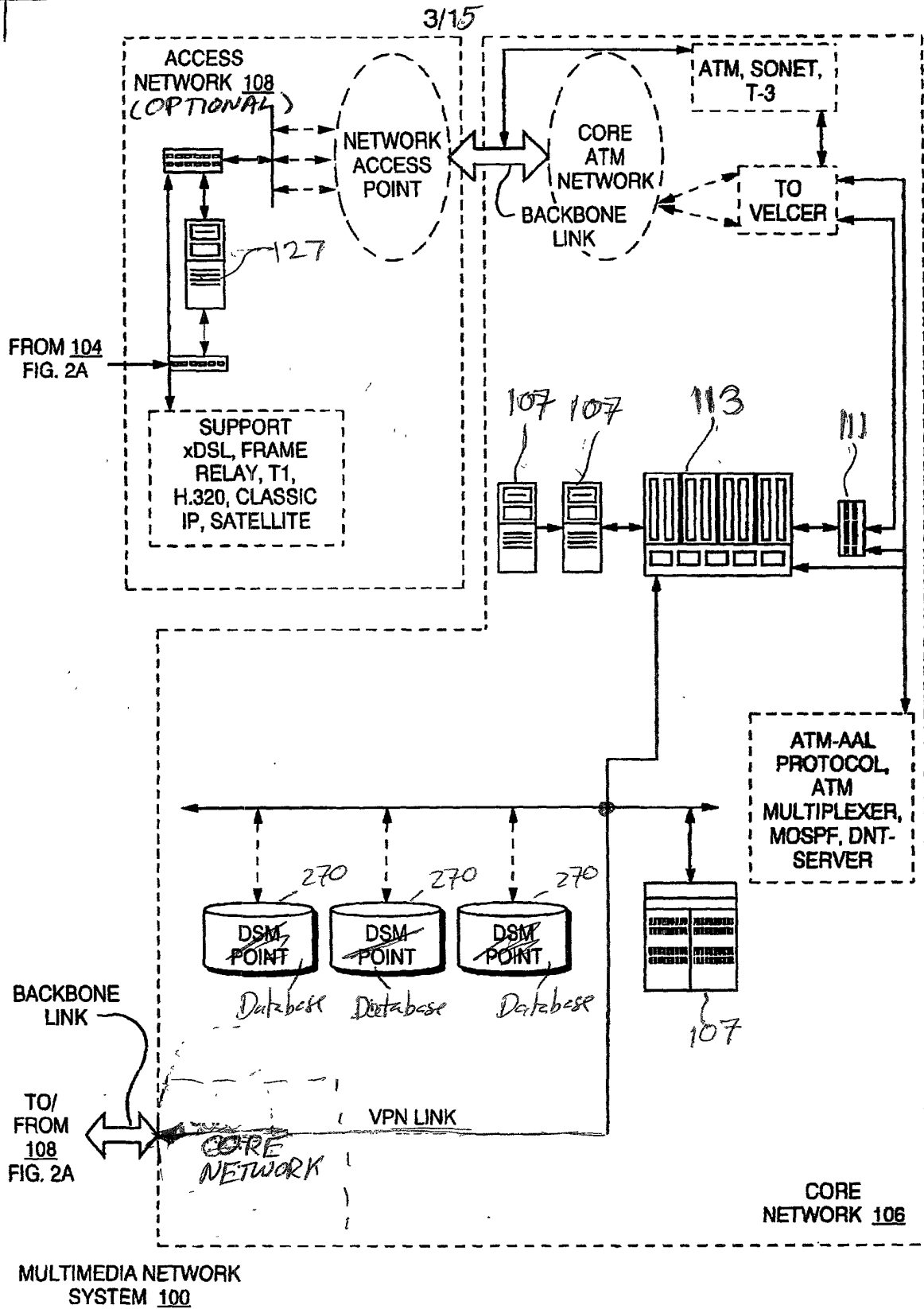


FIG. 2B

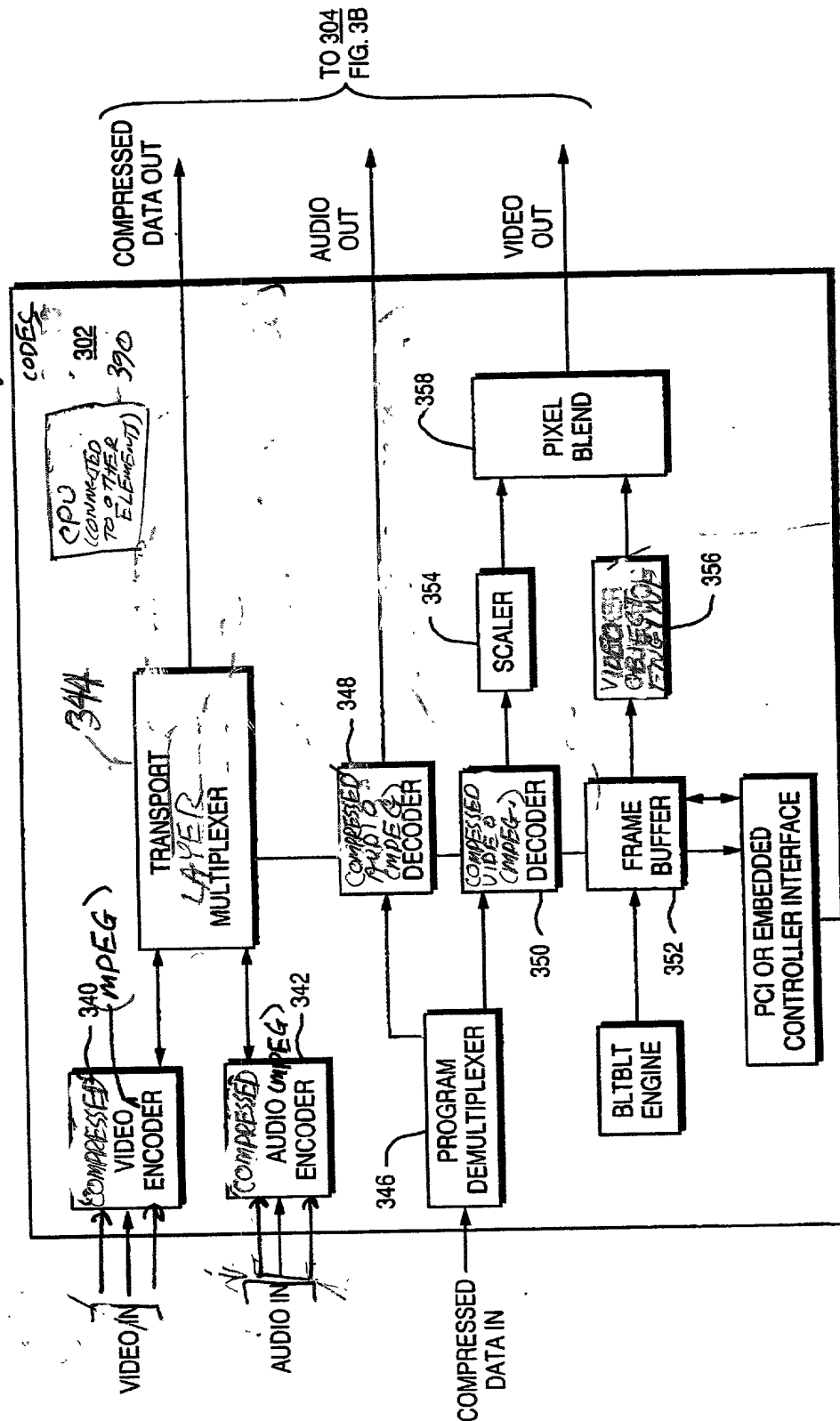


FIG. 3A

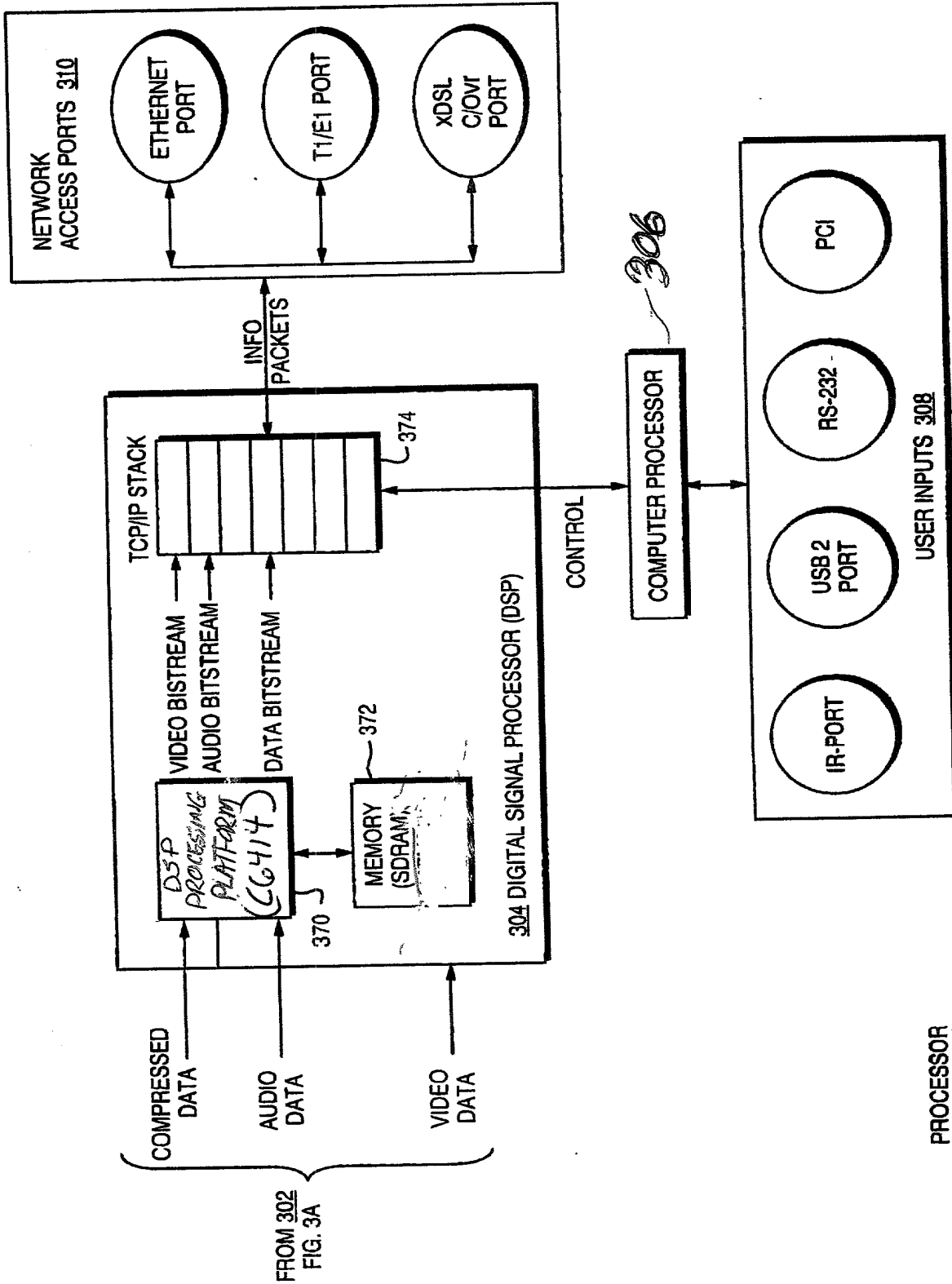


FIG. 3B

PROCESSOR  
PORTION 228

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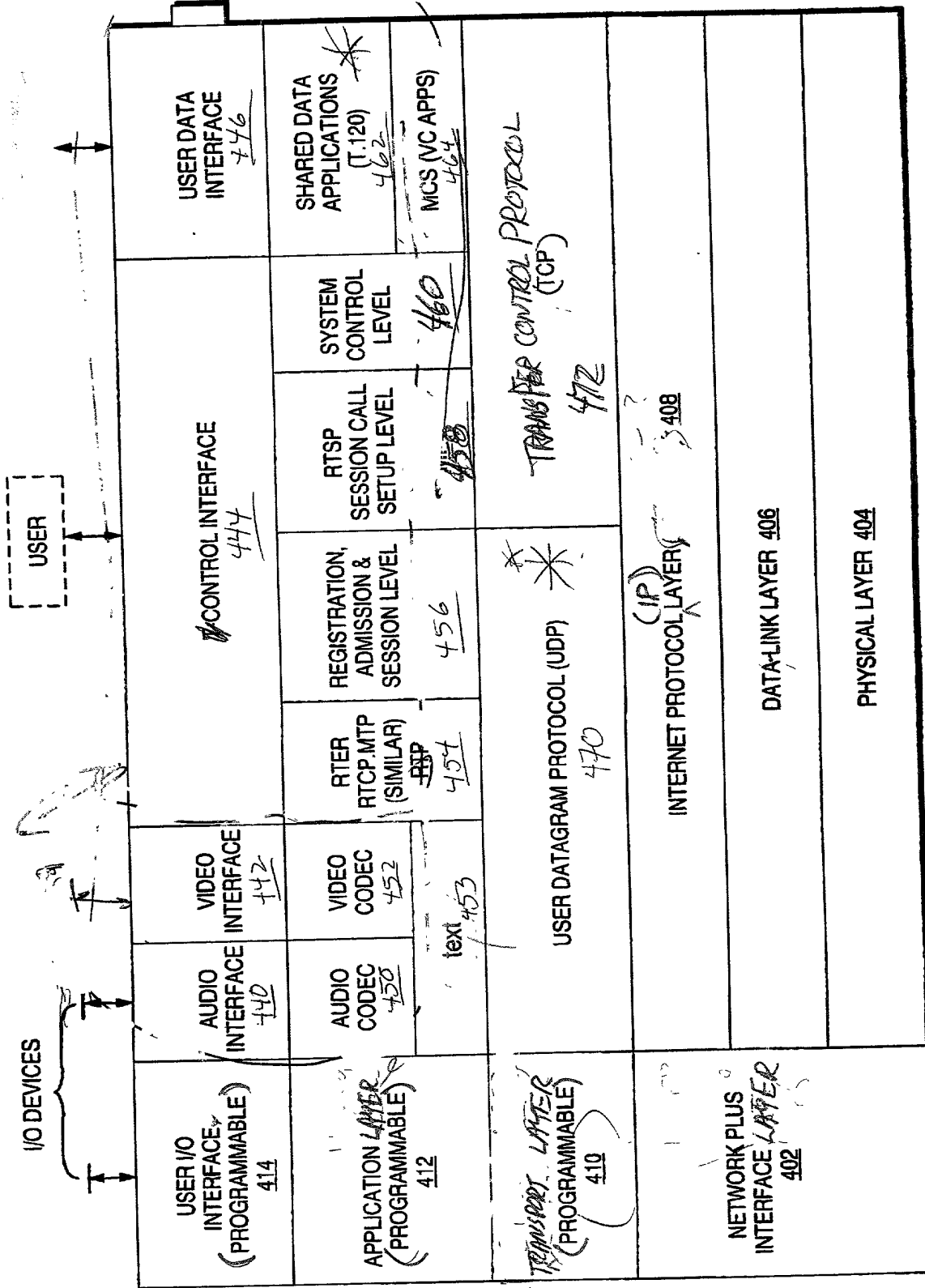


FIG. 4

FOOTNOTES

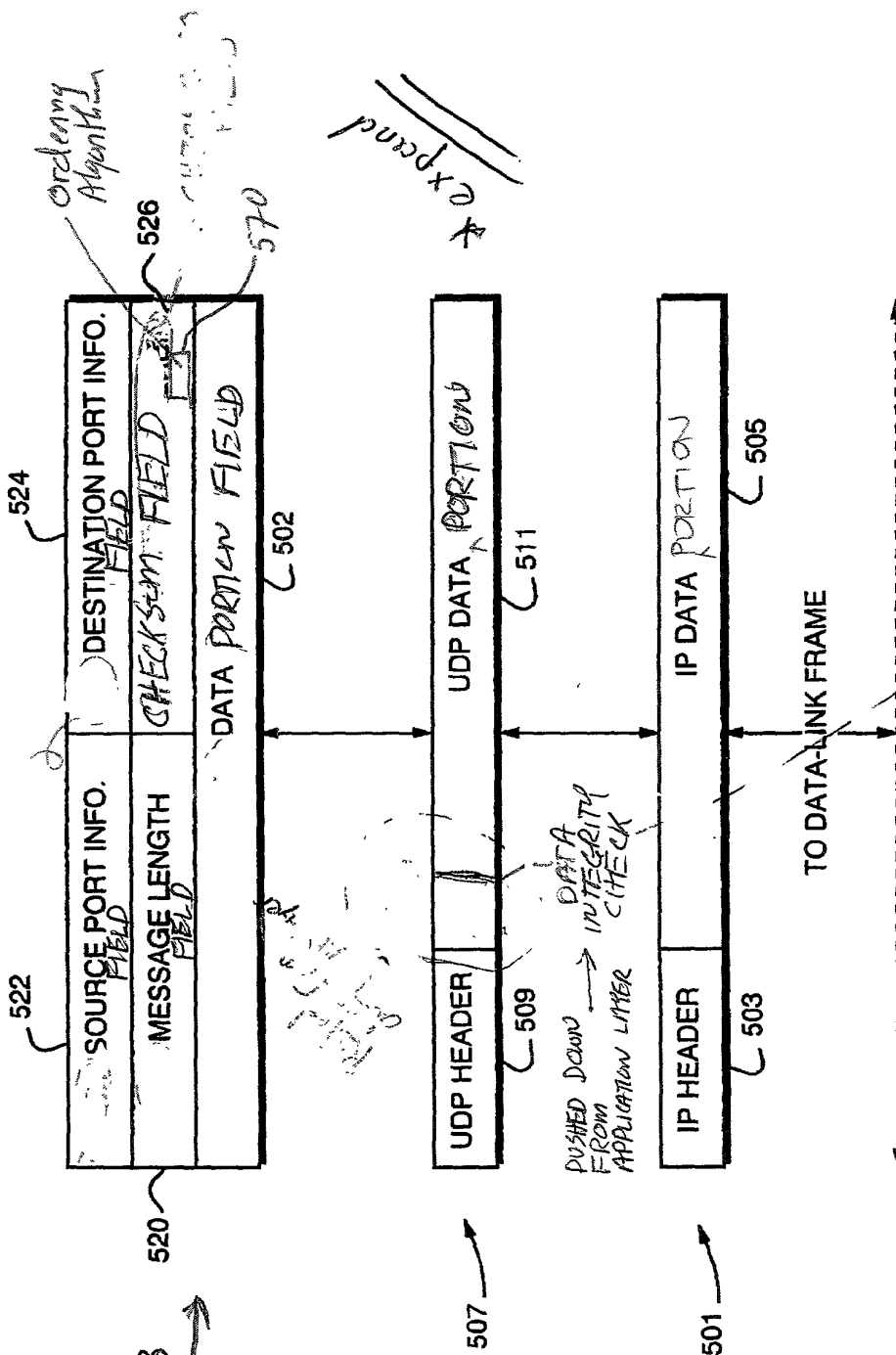


FIG. 5

302 →

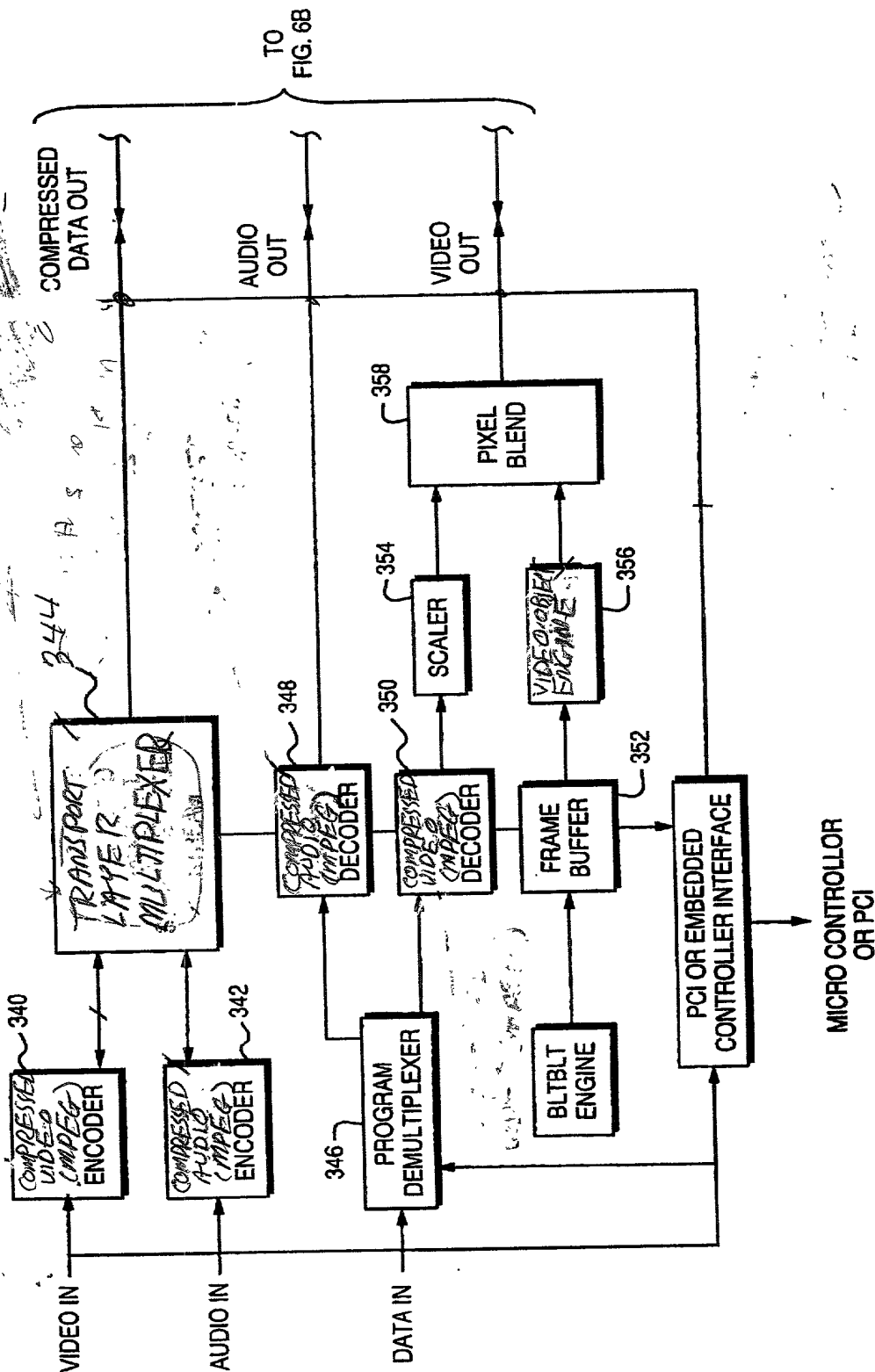


FIG. 6A



COMPRESSED DATA

VIDEO

VIDEO

FROM  
FIG. 6A

CALLS (EITHER  
OPERATING SYSTEM  
OR APPLICATION  
PROGRAMMING INTERFACE)

SERVICES  
LIBRARY -  
APS - RTP/  
RTCP

APPLICATION LEVEL -  
TI

OPERATING  
SYSTEM  
ABSTRACTION  
LAYER

NATIVE  
OPERATING  
SYSTEM

IP/TCP/UDP STACK LIBRARY

HAL - LOW LEVEL SUPPORT

FIG. 6B

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TO  
310

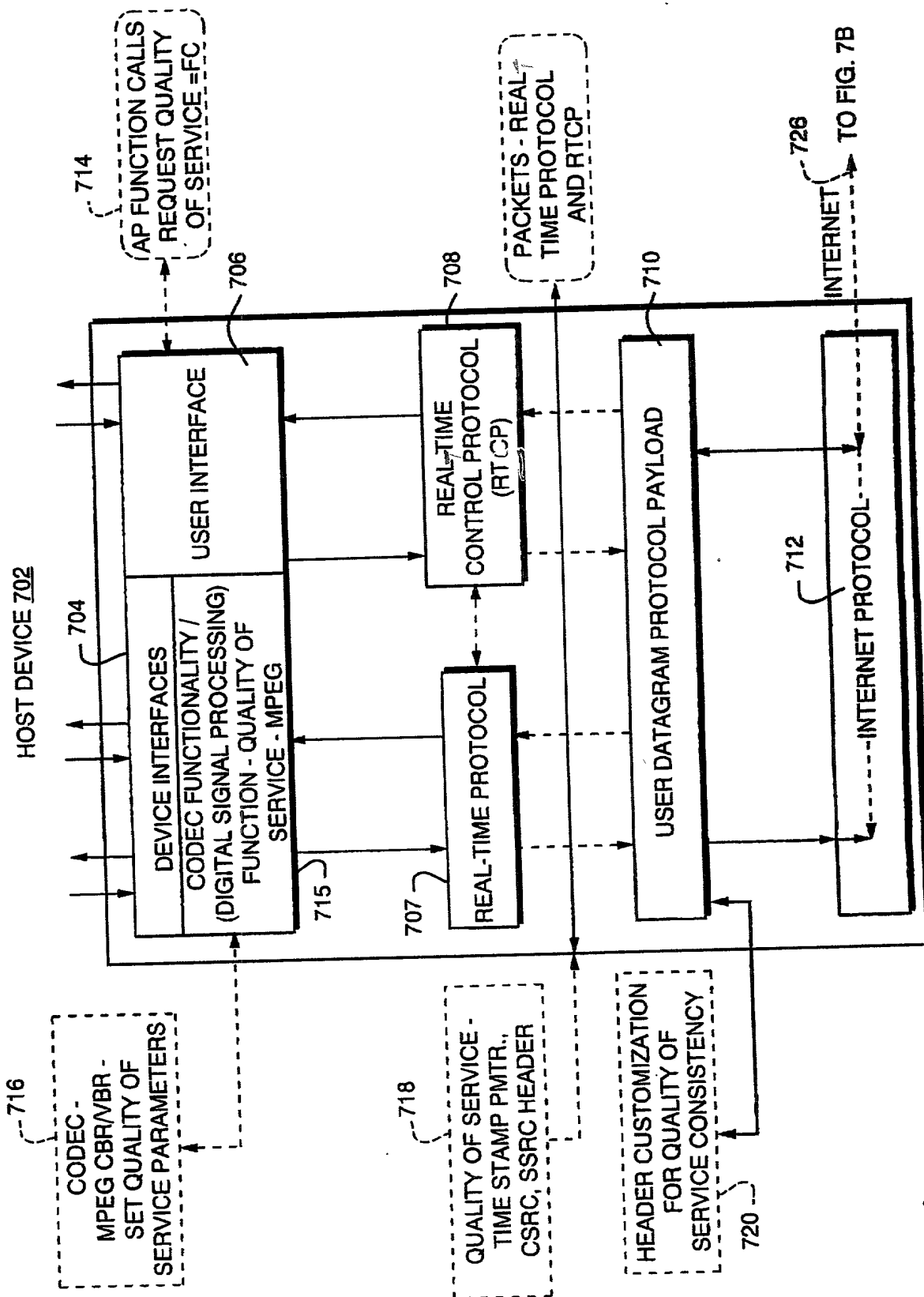


FIG. 7A

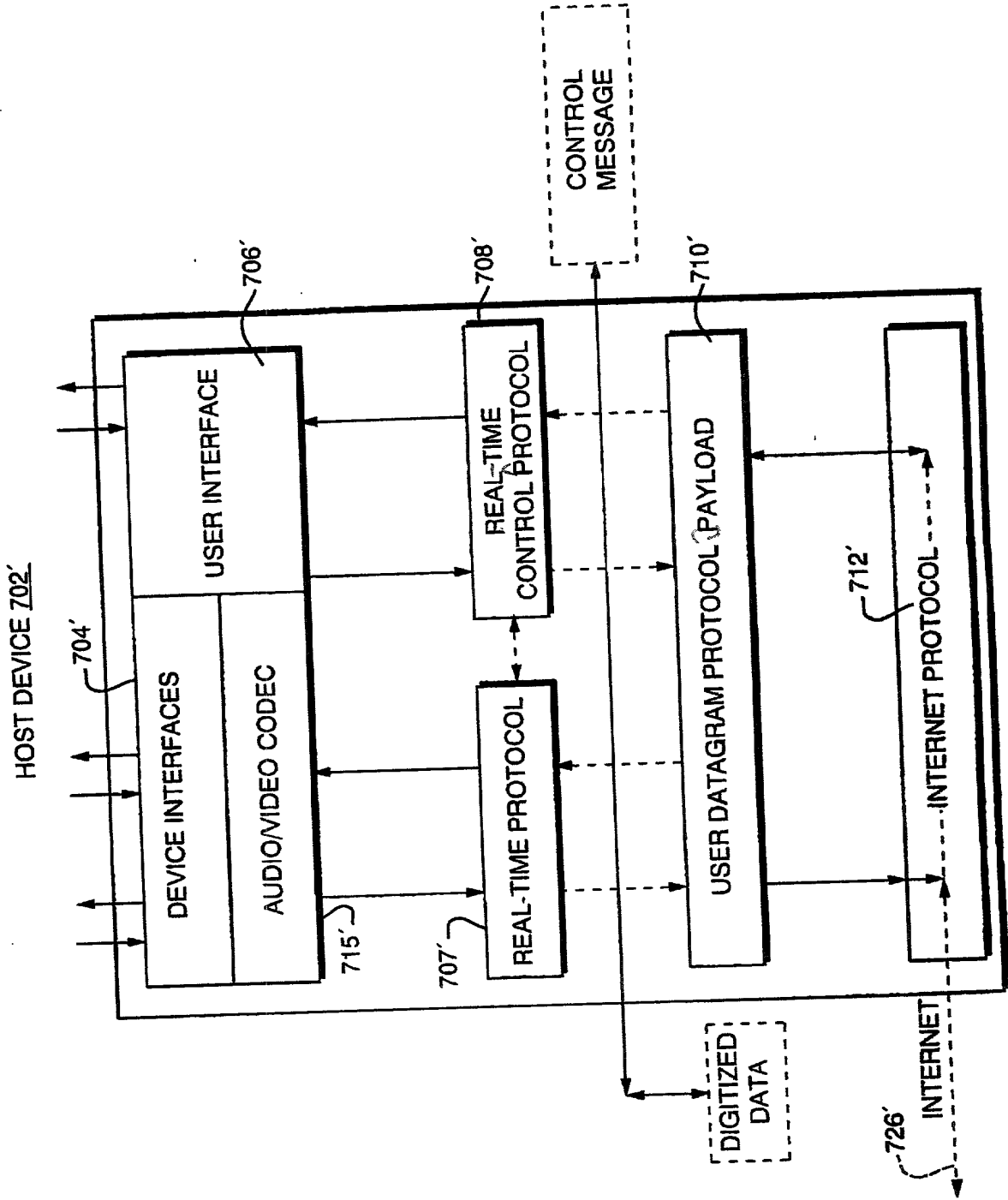


FIG. 7A

FIG. 7B

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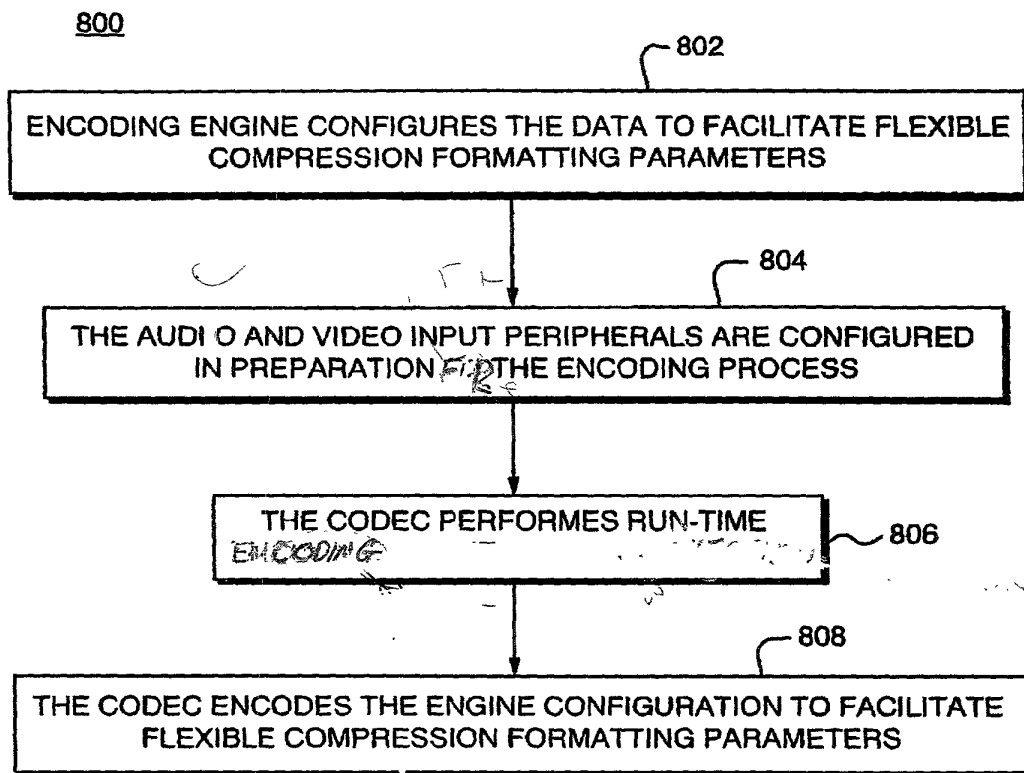


FIG. 8

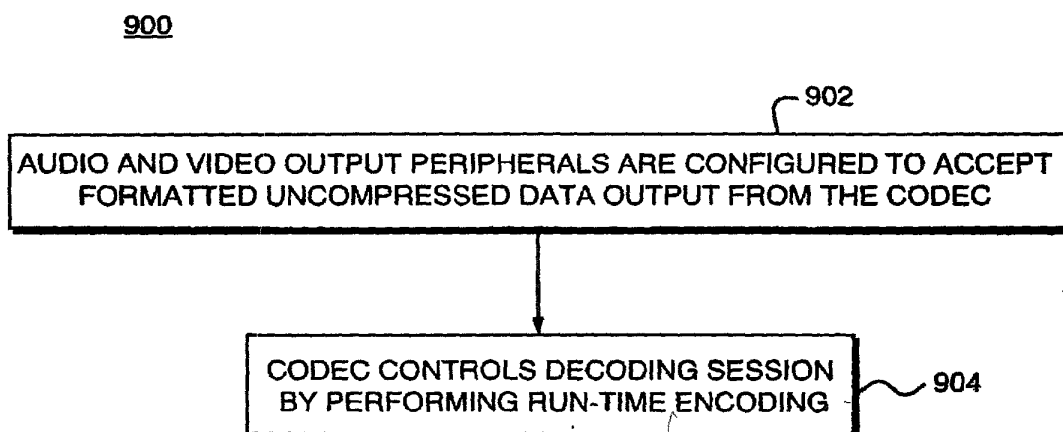


FIG. 9

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1000

1002

BROADBAND INTERFACE UNIT (BIntU) TRANSCEIVER REQUESTS SERVICE FROM THE DATA DISTRIBUTION CONTROL CENTER

1004

ROUTING CHANNEL OF PRESCRIBED BANDWIDTH FOR USER DATAGRAM PROTOCOL WITH VALUE ADDED (UDPVA) PACKETS ESTABLISHED BETWEEN THE BIntU TRANSCEIVER AND THE DATA DISTRIBUTION CHANNEL

1006

SERIES OF UDPVA PACKETS TRANSMITTED TO FORM CONTINUOUS AUDIO/VIDEO STREAM FROM THE DATA DISTRIBUTION CONTROL CENTER TO THE BIntU TRANSCEIVER. RECORD OF EACH UDPVA PACKET MAINTAINED

1008

FOR EACH UDPVA PACKET TRANSMITTED FROM THE DATA DISTRIBUTION CONTROL CENTER TO THE BIntU TRANSCEIVER, A CORRESPONDING RETURN PACKET IS TRANSMITTED FROM THE BIntU TRANSCEIVER TO THE DATA DISTRIBUTION CONTROL CENTER

1010

EACH ONE OF THE SERIES OF UDPVA PACKETS IN CONTINUOUS AUDIO/VIDEO STREAM COMPARED TO RETURN PACKET TO DETERMINE WHICH UDPVA PACKETS WERE RECEIVED AT THE BIntU TRANSCEIVER

1012

DID CORRESPONDING RETURN PACKET RETURN TO DATA DISTRIBUTION CENTER OVER PRESCRIBED PERIOD ?

NO

YES

1014

REASON FOR MISSING PACKETS CONSIDERED AND FAULTY TRANSMIT/RECEPTION CORRECTED

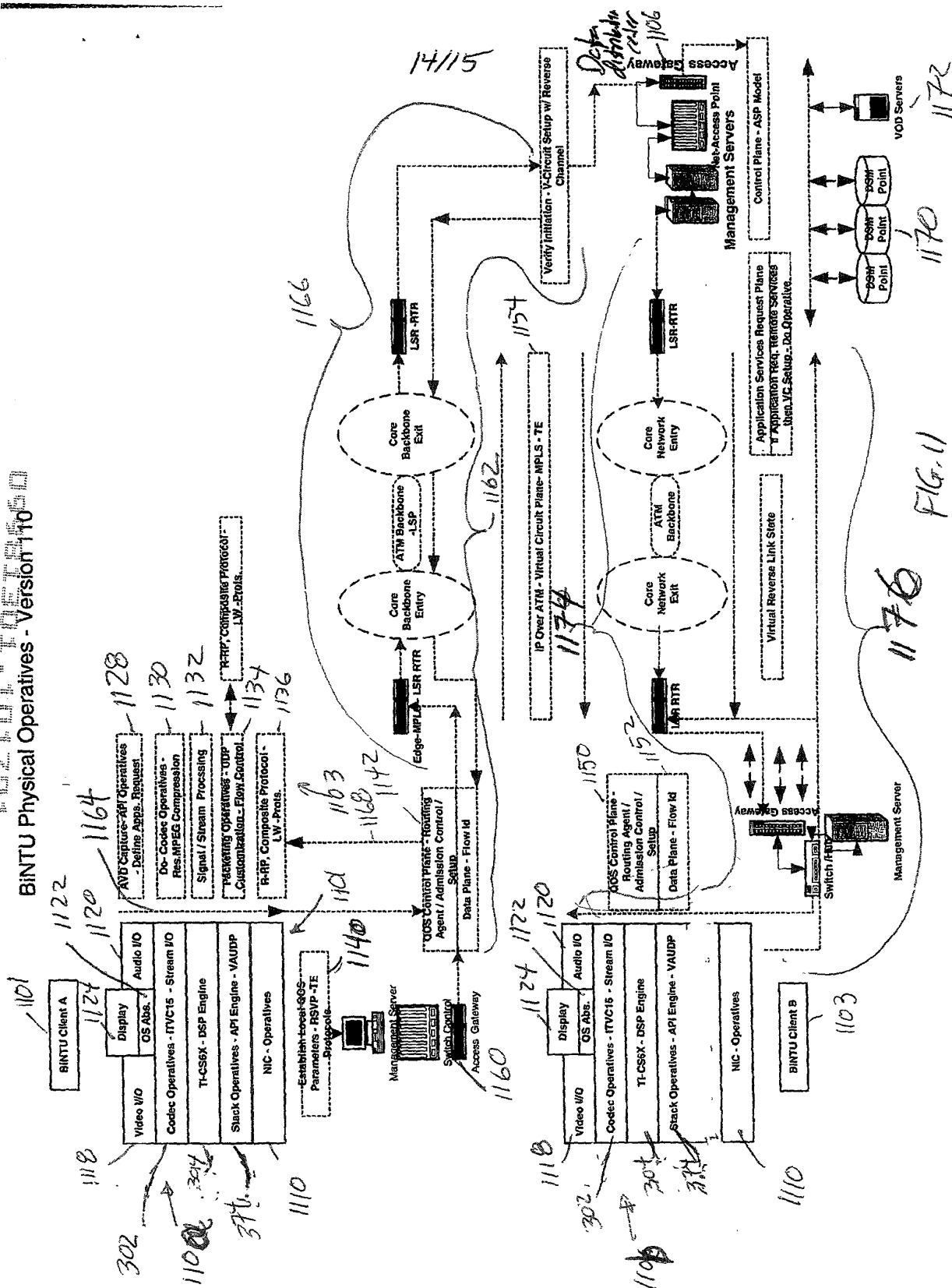
1016

TRANSMISSION MAINTAINED

FIG. 10

09584301 101701

# FIG. 10 BINTU Physical Operatives - Version 1.0



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